CHUBBS' LOCKS, FIRE-PROOF SAFES, AND CASH BOXES.

CHUBBS' PATENT DETECTOR LOCKS give perfect security from false keys and picklocks, and also detect any attempt to open them. They are made of all sizes, and for every purpose to which locks are applied, and are strong, secure, simple, and durable.

CHUBBS' PATENT LATCH, for front doors, counting-house doors, &c., is simple in construction, low in price, and quite secure. The keys are particularly neat and portable.

CHUBBS' PATENT FIRE-PROOF SAFES, BOOKCASES, CHESTS, &c., made entirely of strong wrought-iron, so as effectually to resist the falling of brick-work, timber, &c., in case of fire, and are also perfectly secure from the attacks of the most skilful burglars.

CHUBBS' CASH and DEED BOXES, fitted with the Detector Locks.

CHUBB and SON, 57, St. Paul's Churchyard, London.

GREAT FIRES in MARK-LANE and SOUTHAMPTON-STREET, STRAND.—In these destructive Fires Deeds and Documents of immense value have been preserved uninjured by "LEADBEATER'S PATENT FIRE-PROOF SAFES," LEADBEATER'S STRONG WROUGHT-IRON FIRE-PROOF BOOK SAFES, CHESTS, and DOORS, for Strong Rooms, Plate Closets, and Party-walls, &c., of best make, and possessing all the most recent improvements, are the sole depositories for property of every description in the world; extra-strong Cash and Deed Boxes, with Detector Locks; Patent Detector Locks and Latches for all purposes. LEADBEATER, PATENTEE and MANUFACTURER of the much approved Ventilating and Low-draught-preventing CHIMNEY-POT. This desirable article is found to be the most effectual cure for Smoky Chimneys ever yet before the public, and is adapted to every style of Architecture.

A large assortment on hand at LEADBEATER'S MANUFACTORY, 128, ALDERSGATE-STREET, CITY of LONDON, where Prospectuses may be had.

LEADBEATER, many years Manufacturer for Chubb.

BRAMAH and CO., ENGINEERS and FOUNDERS, LONDON.

BRAMAH'S PATENT LOCKS
BRAMAH'S PATENT VALVE WATERCLOSETS.
BRAMAH'S PATENT HYDRAULIC PRESSES.
BRAMAH'S PATENT QUILL PENS and HOLDERS.
Wrought-iron and Fire-proof Doors, Frames, &c., for strong Rooms.
Fire-proof Iron Chests.
Tin and Despatch Boxes, &c.
Warehouse, 124, PICCADILLY; all Bramah and Co.'s Locks &c. bear this address: none others are made by them.

THE APPOLD CENTRIFUGAL PUMP.—This pump, so peculiarly applicable to the draining of Fens or Lakes, or any similar position where a large quantity of water is required to be raised to moderate heights, is manufactured by EASTON and AMOS, Engineers, Grove, Southwark, Consulting Engineers to the Royal Agricultural Society of England.

TO ARCHITECTS, BUILDERS, AND BRICK-MAKERS.

PUMPS of Superior CONSTRUCTION, bored perfectly true by improved machinery, in various plain and ornamental patterns for Conservatories, Squares, Market Places, Roads, Gardens, and for Liquid Manure. BRICK-MAKERS' PUMPS, in Wrought and Cast Iron. HYDRAULIC LIFT PUMPS, and ENGINES for Wells of any depth. SINGLE and DOUBLE PUMPS up to twelve-inch bore, kept for Hire.

BENJ. FOWLER (late of 71, Dorset-street), removed to the new Factory, Whitefriars-street, Fleet-street.

TO BUILDERS AND PLUMBERS.

THE attention of the Trade is called to JOHN WARNER & SONS' PATENT VIBRATING STANDARD PUMP, which is recommended for the simplicity of its construction, and the ease with which it works.

By the introduction of the vibrating standard the cumbrous cast-iron and expensive slings and guides are avoided, many, rendering the price considerably less than pumps made on the old plan.

Beer and Water Engines for raising fluids from a depth not exceeding 33 feet; also, Garden Engines constructed on the same principle.

JOHN WARNER & SONS, 8, Crescent, Jewin-street, London, Manufacturers and Patentees.

IRON HURDLES.—Great Reduction.—
For Sheep, 6 ft. long, 3 ft. above ground, five bars, 1s. 6d. each.
For Cattle ditto 4 ft. 8 in. ditto 2s. 6d. each.
Strained Wire Fence, 3 ft. 6 in. ditto, six wires, standards, 6 ft. apart ..... 1s. 1d. per yard.
Ditto with Extra Strong Standards ..... 1s. 3d. per yard.
Wove wire netting for rick-ding, hares, rabbits, poultry, &c., of various widths, 1d. per square foot and upwards; wrought and cast-iron hurdling, gates, &c., ornamental garden fences, of every variety. Cast and beam bruisers, with iron frame and hopper, iron bearings, and regulating screw, 4l. 4s. each. Chaff engines, of best construction, metallic framing, and fly-wheel, with two knives, to cut sixteen bushels per hour, 4l. 4s. each. Garden or stable pumps. Wrought-iron wheelbarrows, &c.
STEPHENSON and PRILL, 61, Gracechurch-street, City; and at the Manufactory, 17, New Park-street, Southwark.

CHURCH and TURRET BELLS cast to any weight, and tuned. Ships, plantation, house, sheep, cup, and clock bells of any size.

MUSICAL HAND BELLS

Tuned to the chromatic scale, with improved clappers, and hung on a new system, which gives a superior tone and facility for ringing.

Memorial Frames, Pulpit Lights, and Brackets, &c.

Old Bells re-cast or taken in exchange.

J. WARNER and SONS, BELL FOUNDERS, ENGINEERS, &c.

A SAVING of TIME and MATERIALS with solidity of building.

NATHAN GOUGH'S PATENT PORTABLE STEAM-ENGINES of 2, 3, 4, and 6-horse power, for grinding mortar, raising building materials, driving pilot, circular saws, pumps, &c., 61, Albert-street, Manchester.

TESTIMONIAL
from Charles Barry, Esq.:—
21, Great George-street, Westminster, Oct. 27, 1848.

Mr. Nathan Gough.

Sir,—I have, for Mr. Barry, the pleasure of replying to your request of the 25th inst., for a testimonial of the working of three steam-engines you have supplied to the New Houses of Parliament at Westminster, by saying that they have fully answered the purposes for which they were required, viz., raising the building materials; and two of the three have been at work for some years, with very little repairs, and with considerable economy of fuel.—I am, Sir, your obedient servant,

Per pro. CHARLES BARRY.
ALFRED MEESON.

TO BUILDERS, CARPENTERS, CABINET MAKERS, &c.

G. H. BUCK, 122, Edgware-road, Paddington, begs to inform the gentry trading that he has purchased the business and premises of R. NELSON, Plane, Saw, and General Tool Manufacturer, where G. H. B. continues to carry on the said business, and begs to invite attention to his stock of well-seasoned planes of every description. G. H. B. has also a great variety of lathes and lathe apparatus suitable for amateurs. Orders from the country will be punctually attended to, and lists of prices sent on application to post free. Tools, saw-mills, and factories supplied at wholesale prices.—Terms, cash.

TO BUILDERS AND OTHERS.

HART and SONS, Wholesale and Manufacturing Ironmongers, Nos. 33, 34, and 35, Wych-street, Strand. Established 1818. Engravers and sole Manufacturers of PIPER'S PATENT SELF-ADJUSTING DOOR FURNITURE and SPINDLES, and Manufacturers of Dr. ARNOTT'S VENTILATING CHIMNEY VALVES.

HART and SONS solicit the attention of Builders, House Proprietors, Smiths, Bell hangers, &c. to their extensive and well-selected stock of Iron or FURNITURE, in every suitable material, made with finger-plates, bell-pull levers, &c. and also to their

LOCKS and LATCHES in mortice, rim, drawback, iron gate, cabinet, &c., of all qualities, including Barron's, Bramah's, Chubb's, and Pitt's Patent.—To their

GENERAL IRONMONGERY wrought and cut nails, screws, hinges, bolts, &c. &c.

BRASS FOUNDRY.—Bell cranks of all descriptions, cornice rules, picture rods, sash door handles, desk and hat rails, window guards, Lancashire bolts, &c. &c.

WINDOW FITTINGS of all kinds, including brackets, rods, arms, sliding sashes, stays, &c. &c.

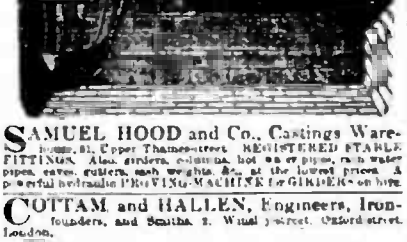
DOOR SPRINGS and HINGES, including Redmund's, Smith's, Collinge's, Gerrish's, and Cotterell's patents.

WINDOW BLIND FITTINGS of the most approved principle.

SHERINGHAM'S and all other VENTILATORS.

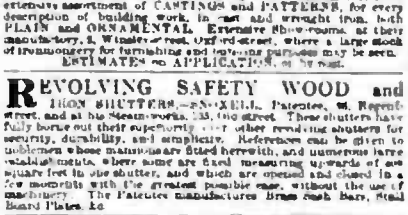
L. P.'S RACK BOLT MORTICE LOCKS, for which they are AGENTS, as well as for all inventions of merit as soon as perfected.

HART and SONS, aware that the practice of publishing SET PRICE-LISTS is injurious to the interests of the trade generally, are unwilling to follow it, but at the same time they beg to assure their friends that their prices will be found equally as low as those of any other respectable house.



SAMUEL HOOD and Co., Castings Warehouse, 81, Upper Thames-street, REGISTERED STABLE FITTINGS, Area gardens, coalcuttings, hot or cold pipe, rain water pipes, eaves, gutters, sash weights, &c., at the lowest prices. A powerful hydraulic PROVING-MACHINE for GIRDERS on view.

COTTAM and HALLEN, Engineers, Iron-founders, and Smiths, 2, Wood-street, Oxford-street, London.



Solicit the attention of architects and builders to their REGISTERED STABLE FURNITURE, which can be had plain galvanised, or enamelled. They also beg to draw attention to their extensive assortment of CASTINGS and PATTERNS, for every description of building work, in cast and wrought iron, both PLAIN and ORNAMENTAL. Extensive show-rooms, at their manufactory, 2, Wood-street, Oxford-street, where a large stock of ironmongery for furnishing and ironing purposes may be seen.

ESTIMATES on APPLICATION, or by post.

REVOLVING SAFETY WOOD and IRON SHUTTERS.—SNOXELL, Patentee, 61, Regent-street, and at his Steam-works, 135, Bunhill-row, City. These shutters have fully proved their superiority over all other revolving shutters for security, durability, and simplicity. References can be given to noblemen whose mansions are fitted herewith, and numerous large retail establishments, where some are fixed measuring upwards of one square foot in the shutter, and which are opened and closed in a few moments with the greatest possible ease, without the use of machinery. The Patentee manufactures Brass sash Bars, Stall Board Plates, &c.

BUNNETT and Co., ENGINEERS, Patentees and Manufacturers of REVOLVING IRON and WOOD SAFETY SHUTTERS, and of ORNAMENTAL SASH BARS, MOULDINGS, STALL-PLATES, &c. FOR SHOP-FRONTS AND OTHER WINDOWS, IN DAYLIGHTS, IN BRASS, COPPER, ZINC, IRON, &c.

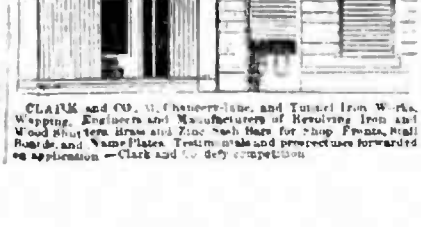
Shop-fronts completely fitted up and glazed with best plate glass. Metal works and improved machinery of all kinds for warehouses, banking-houses, &c.

BUNNETT and Co. challenge competition as to either quality or price.

Office, 26, Lombard-street, London; Works, Deptford, Kent.

B. and Co. are also Patentees and Manufacturers of Improved Bench and Flooring Cramps for Builders, Wrought Iron Diagonal Gratings, Double-trapped self-acting Water Closets, and self-acting and self-cleansing Effluvia Traps, for Sewers, Drains, &c. &c.

CONVEX REVOLVING SHUTTERS, IN IRON AND WOOD



CLARK and CO., 11, Chancery-lane, and Tunnel Iron Works, Wapping, Engineers and Manufacturers of Revolving Iron and Wood Shutters, Brass and Zinc Sash Bars for Shop Fronts, Stall Boards, and Vane Plates. Trade terms and prospectuses forwarded on application.—Clark and Co. defy competition.

FOUNDRY AND IRON WORKS, 108, DRURY-LANE, and CHARLES-STREET, DRURY-LANE.

GLOVER, BROS.,

Solicit the attention of the Trade to their extensive Stock of PATTERNS for CASTINGS of EVERY DESCRIPTION; either ornamental or ornamental.

Patterns of Girders, Columns, Balconies, Railing, Ornamental Carriage and Park Gates, Lamp and Street Posts, Tanks, Pipes, Wheels, Pinions, Lathes and Bench-castings, Range and Hot-plate Metal. An improved Soot Door adapted for internal work.

A large stock of Rain-water Pipes, Plain and Ogee Gutters, Bricks, Kerb Weights, Air-tight Sewer Grates, Stable Fittings, Hurdles, &c.

Plain and Ornamental Vases 25 per cent. cheaper than Terra-cotta.

Estimates given for Iron Buildings, Wrought-iron Roofing, Greenhouses, Staircases, Wrought-iron Girders, Fireproof Doors, Rook safes and Strong Rooms, Tanks and Boilers and every description of iron work to specification, and the work executed with every attention to quality and despatch.

GLOVERS' IRONWORKS, 108, DRURY-LANE, and CHARLES-STREET.

THE PATENT GALVANIZED IRON.

TUPPER and CARR,

Owners of Crawford's Patents and successors to THE GALVANIZED IRON COMPANY,

Supply patent Galvanized Sheets, plain or corrugated, for roofing &c., Water or Gas Pipes, Castings, Wire of all gauges, Guttering, Hoop-iron, &c. Wholesale, retail, and for export.

An allowance to the trade.

WORKS—MILLWALL and BIRMINGHAM.
LONDON OFFICE, 1, MANSION-HOUSE PLACE.

THE PATENT GALVANIZING & CORRUGATING IRON COMPANY

JOHN SYMONDS and Co., Managers.

The Company having made some decided improvements in the mode of working GRAWFORD'S PATENTS, and being able to galvanize larger work than was formerly practicable, they are in a position to execute orders to any extent, in a manner hitherto unequalled, and respectfully solicit the favours of Builders, contractors, and others.

ON HAND, sheets, plain or corrugated, for iron houses, sheds, rails, or stations, &c.—Sized to order, if required. Wire, piping, guttering, &c., for home use and exportation.

N.B.—Goods to be galvanized, sent for and returned free of charge within three miles of the Tower, and all light goods received by Nine o'Clock will be returned the same day if required.

OFFICES—13, CIRCUS, MINORIES.

WORKS—GLASS HOUSE YARD, opposite the London Docks.

*** A discount allowed to the trade.

IRON BUILDING and ROOFING WORKS,

BIRMINGHAM, late of Smethwark.

JOHN H. PORTER,

Manufacturer of the Corrugated and other kinds of Iron Roofing for railway stations, carriage sheds, farm buildings, gas-works, warehouses, factories, &c. &c.

PATENTEE

Of the Corrugated Iron Bars as Girders, and Fire-proof Floors.

THE CORRUGATED and GALVANIZED IRON ROOF PORTABLE BUILDING, AND SMYTH'S PATENT FLOORING, ROOFING, AND GIRDER WORKS

Offices, 61, Gracechurch-street.

JOHN WALKER, one of the Patentees of Corrugated Iron, calls the attention of Architects, Engineers, &c., to his List of Prices, which, consistently with good workmanship, are extremely low.

Models of the patent Iron Roofing, corrugated or bent, and girders; also, drawings of roofs, on peculiar principles, may be had on application.

Drawings of the iron lighthouse erected on the Fleets and other papers see the *Exposition* for February 9th, may be seen by application.

References to firms of the highest class can be given.

SMYTH'S PATENT WROUGHT-IRON Fire-proof Flooring.

JOHN WALKER, Sole Manufacturer and Lecturer, Offices, 61, Gracechurch-street.

FIRE-PROOF FLOORS.

The late lamentable accident in Gracechurch-street serves to prove that where cast iron is the foundation on which floors, &c. are made, much dependence cannot be placed on it. This induces John Walker to earnestly solicit the attention and inspection of Architects, Engineers, &c. to Mr. C. SMYTH'S PATENT FLOORING, of which J. W. is the sole lessee and manufacturer. The material is wrought iron, and therefore not subject to sudden fracture, as cast-iron is—and wood is not introduced.

Descriptive pamphlets may be had, models may be seen, and every information obtained, at JOHN WALKER'S OFFICES, 61, Gracechurch-street.

MANUFACTURER OF CORRUGATED IRON.

GALVANIZED IRON WORKS, REGENT'S CANAL LIMEHOUSE

THOMAS ALCHIN, late of the Galvanized Iron Works, Mill Wall, begs to inform his friends and the trade in general that his arrangements with Messrs. Turner and Carr have expired, and that he has now commenced business on his own account, at premises situated as above.

T. A. having had upwards of eight years' practical experience in the galvanizing process, is in a position to execute orders to any extent, and in every description of galvanized iron work, including ships' fastenings, bolts, nuts, screws, corrugated and plain sheet-iron, wire, wire work, and all kinds of iron work requiring to be preserved from rust.

Iron tanks of all sizes, and suitable to every purpose, supplied or galvanized.

*** A liberal discount to merchants, country dealers, and the trade in general. All orders executed with punctuality and despatch.

MOREWOOD and ROGERS'S Patent Galvanized TINNED IRON, or Iron Tinned previously to being Galvanized.

ANDREW WHYTOCK, 60a, New Oxford-street, and Rosemary-Branch, Hoxton, begs to invite the attention of Iron Engineers, Architects, Contractors, and others, who have not hitherto employed it, to this valuable metal, which fully accomplishes the object of the patent. It is suitable to all purposes for which iron plate is or can be required, but for roofing, the erection of rails or plate-fences, sheds, for the lining of arches and tunnels, for colonial and agricultural erections, &c., it is peculiarly adapted, possessing all the advantages of wrought iron, while the iron, being perfectly protected from decay, retains its protective qualities and consequently can be employed in the lightest and most economical form. This metal expands and contracts in a very slight degree, is bright surface reflecting the sun's rays, and is therefore admirably adapted for arched and corrugated roofs.

Testimonials by first-class gentlemen of eminence and from engineers, architects, &c. &c., can be seen, testifying to its cheapness, lightness, economy, and great durability, and that, even where in use upwards of seven years, it has not lost the shape of its fastenings. Pamphlets containing a description of every use to which the metal can be applied, with plates, price lists, &c. can be obtained as above, and all parties are referred to the Surveyors of the Patentees, Mr. GEORGE MORGAN, 26, Parliament-street, who will furnish estimates, drawings, &c., with every other explanation, free of cost.

TARPAULINS for COVERING ROOFS during Repairs. SCAFFOLD CORD and every description of ROPE used by Builders upon the lowest terms. Marquees and temporary awnings on sale or hire. Orders per post receive the most prompt attention.—WILLIAM PIGGOTT, 116, Fore-street, City, Manufacturer, by Appointment to His Majesty's Honourable Board of Ordnance.

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